INSTRUCTIONS FOR INSTALLING THE 152902 MODIFICATION KIT FOR CABINETS LAC203**, LAC204**, LAC205** (BELL SYSTEM 28B, 28C, 28D, 28E) AND THE 154753 MODIFICATION KIT FOR TYPING UNITS LP6, LP9 (BELL SYSTEM 28E, 28F, 28G) TO PROVIDE AN INTERIM SELECTIVE CALLING FEATURE

1. GENERAL

a. The 152902 modification kit when installed on a cabinet LAC203**, LAC204**, LAC205** (Bell System 28B, 28C) provides a cable and resistor assembly for operating the busy lamp. Leads are included to modify the copy lamp circuit so as to place it under the control of a stunt box contact.

b. The 154753 modification kit when installed on Typing Unit LP6, LP9 (Bell System 28E, 28F, 28G) provides a two conductor receptacle for interconnecting the typing unit stunt box cable with the cabinet busy lamp cable. Some Typing Units are factory equipped with this modification kit.

c. The 152902 modification kit consists of:

2	2191	Washer, Lock	1	151558	Nut, Speed
2	3598	Nut 6-40 Hex.	1	153400	Lamp, Incandescent (6 Watt)
2	5816	Washer, Fiber	1	155083	Lens, Indicator Light
1	6746	Screw 6-40 x 5/16 Hex.	1	157159	Plate
2	7002	Washer, Flat	1	157160	Cable Assembly
1	102180	Screw 6-40 x 1-15/16 Fil.	*1	2922WD	Diagram, Wiring

d. The 154753 modification kit consists of:

1	1272	Screw 6-40 x 11/16 Fil.	1	121120	Collar Spacing
1	2191	Washer, Lock	1	121249	Clamp, Cable
1	3438	Washer, Flat	1	125015	Washer, Flat
1	3598	Nut 6-40 Hex.	1	154873	Connector, Receptacle
2	107116	Washer, Lock	*1	2920WD	Diagram, Wiring

e. For part numbers referred to and for parts ordering information, see Teletype Model 28 Printer Parts Bulletin.

2. INSTALLATION

*a. 152902 Modification Kit

NOTE: The installation of this modification kit is to be made prior to the installation of the keyboard or base.

(1) Remove the copy light switch mounting bracket and unsolder the yellow lead from the light switch. Remove the other end of this lead from terminal 37 of the cabinet terminal board. Tie both ends back against the cable.

*Indicates Change

© 1956 Teletype Corporation

(2) The upper left indicator lens should be hollow. If it is not, remove the lens and speed nut and replace it with the 155083 lens and the 151558 speed nut.

(3) Attach the 157159 plate and the 151540 lamp socket (part of the 157160 cable assembly) to the upper left cabinet lamp bracket. Insert the 6746 screws through the 7002 washer, 151540 lamp socket, lamp bracket, 157159 resistor plate, 2191 lock washer and lock in position with the 3598 nut. Place the 153400 lamp into the lamp socket. The socket should be positioned so as to place the lamp filament directly beneath the red lens.

(4) Attach the 90814 resistor (part of 157160 cable assembly) to the 157159 plate by inserting the 102130 screw through the 7002 washer, 5816 insulating washer, 90814 resistor, 5816 insulator washer, 157159 bracket, 2191 lock washer and lock it in place with the 3598 nut.

(5) Route the 157160 cable through the right hinge, through the cable clamp and along the cable guide. Tie the cable at several points. With reference to wiring diagram 2922WD, connect the yellow lead of the 157160 cable to terminal 1 of the copy light switch. Connect the white lead to terminal 40 of the cabinet terminal board. Tie the brown lead back against the cable.

(6) Remount the switch bracket and remake the window adjustment if necessary.

(7) Tie the 157160 cable to the Electrical Service Unit output cable and route both cables through the 151955 cable guide located directly above the right front shock mount.

(8) The 154874 plug (part of 157160 cable) mates with the 154873 receptacle connector on the Typing Unit.

***b. 154753 Modification Kit**

(1) Route the stunt box cable through the large hole in the right side frame of the Typing Unit.

(2) Solder the cable leads to the 154873 receptacle connector in accordance with the wiring diagram 2920WD.

(3) Attach the connector to the 6-40 tapped hole in the right side frame in front of the paper spindle block.

(4) The threaded portion of the connector should be upward and approximately parallel to the top (sloping) edge of the side frame.

(5) Place the stunt box cable in its clamp and anchor the clamp to the side frame with the screw which attaches the 151627 tie rod to the frame. Use the 3438 flat washer between the clamp and the lock washer.

NOTE: A cable clamp must be supplied by the customer if the typing unit is not equipped with a 152810 stunt box (arrangement AN.)

* * *